

Docket No.: RPL-0010 REI

# REISSUE APPLICATION DECLARATION AND POWER OF ATTORNEY BY INVENTOR

As a below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number, granted, and for which a reissue patent is sought on the invention entitled METHOD FOR FORMING ELECTRODE FOR PLASMA DISPLAY PANEL, the specification of which

☒ is attached hereto ☐ was filed on \_\_\_\_\_ as Reissue Application No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority or provisional application benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate, or provisional application(s) listed below and have also identified below any foreign application for patent or inventor's certificate, or provisional application(s) having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s) or U.S. Provisional Application(s):			Priority Claimed	
Number	Country	Day/Month/Year	Yes	No
P98-31912	KOREA	05/08/1998	X	

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U. S. Application(s):	Filing Date	Status: Patented, Pending, Abandoned
Serial No.		

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

- ☐ by reason of a defective specification or drawing.  
☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.  
☐ by reason of other errors.

At least one error upon which reissue is based is described as follows:

The patentee claimed less than he had a right to claim in the patent. For example, new independent claim 7 is broader than independent claim 1. Independent claim 7 recites a method for forming a conductive layer on a surface, which includes preparing a paste by mixing first and second powders and a binder, wherein the first powder has a specific gravity greater than the second powder, and coating at least a portion of the surface with said paste rather than coating Ag paste including some black powder and some white powder on a transparent electrode.

Independent claim 7 also recites separating said layer into two sub-layers and removing the binder from the two sub-layers to form the conductive layer. Such recitation is broader than independent claim 1. Claim 1 recites level-separating the black and white powders contained in the coated Ag paste based on a specific gravity difference for a certain time and burning out a binder from the coated Ag paste to thereby implement a firing process. Therefore, independent claim 7 is broader since it does not recite a burning out a binder or a coated Ag paste.

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

☒ I hereby desire to seek broadening of the claims.

I hereby appoint the following attorney(s) and/or agent(s): Daniel Y.J. Kim, Registration No. 36,186 and Mark L. Fleshner, Registration No. 34,596; Carl R. Wesolowski, Registration No. 40,372, John C. Eisenhart, Registration No. 38,128, Donald R. McPhail, Registration No. 35,811, Rerte A. Vazquez, Registration No. 38,647, Carol L. Druzbeck, Registration No. 40,287, Laura L. Lee, Registration No. 48,752, all of

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with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and all future correspondence should be addressed to them.

\*\*\*\*\*

Full name of sole or first inventor: Sang-Tae KIM

Inventor's signature: Sang-Tae KIM

Date: 21/08/2003

Residence: Seoul, Korea

Citizenship: Republic of Korea

Post Office Address: #20 Yoido-dong, Youngdungpo-gu, Seoul, Korea

\*\*\*\*\*

Full name of joint inventor(s):

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address:

Docket No.: RPL-0010 REI

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Sang-Tae KIM

Original Patent No.: 6,276,980B1

: Group Art Unit: 2879

Original Patent Issue Date: August 21, 2001

: Examiner: K. Ramsey

For: METHOD FOR FORMING ELECTRODE FOR PLASMA DISPLAY PANEL

**WRITTEN CONSENT OF ALL ASSIGNEES TO REISSUE****MAIL STOP REISSUE**

COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. §1.172, the undersigned assignee of U.S. Patent No. 6,276,980 B1 to Sang-Tae KIM granted on August 21, 2001 of which it is the owner by Assignment of the entire interest, hereby assents to the filing of the accompanying reissue application therefor, and further assents to the filing of the reissue oath by the inventors thereof. I am authorized to act on behalf of the Assignee.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are

Reissue Application of Patent No. 6,276,980B1

Docket No. RPL-0010 REI

punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.

LG ELECTRONICS INC.

By:

Won-Yob Lee

Name: Won-Yob Lee

Title: Manager

LG Electronics, Inc.

Date: Aug/21th/2003

Attached:

☒ 37 C.F.R. 3.73(b) Certificate

Reissue of Patent No. 6,276,980

Docket No. RPL-0010 REI

<b><u>CERTIFICATE UNDER 37 C.F.R. §3.73(b)</u></b>	
Applicant: <u>Sang-Tae KIM</u>	
Application or Patent No.: <u>6,276,980 B1</u> Filed or Issued: <u>August 21, 2001</u>	
Entitled: <u>METHOD FOR FORMING ELECTRODE FOR PLASMA DISPLAY PANEL</u>	
LG ELECTRONICS INC., a Corporation in Korea (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)	
certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:	
A. <input checked="" type="checkbox"/> An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel <u>010153</u> , Frame <u>0368</u> , or for which a copy thereof is attached.	
OR	
B. <input type="checkbox"/> A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:	
1.	From: _____ To: _____ The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2.	From: _____ To: _____ The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3.	From: _____ To: _____ The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
<input type="checkbox"/> Additional documents in the chain of title are listed on a supplemental sheet.	
<input checked="" type="checkbox"/> Copies of assignments or other documents in the chain of title are attached.	
The undersigned has reviewed all the documents in the chain of title of the patent application identified above, and to the best of undersigned's knowledge and belief, title is in the assignee identified above.	
The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.	
I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, or any patent issued thereon.	
<u>Aug/21th/2003</u> Date	<u>Won-Yob Lee</u> Signature <u>Won-Yob LEE</u> Typed or printed name <u>Manager</u> Title



OCTOBER 12, 1999

FLESHNER & KIM  
DANIEL Y.J. KIM  
P.O. BOX 221200  
CHANTILLY, VA 20153-1200

**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



\*101115562A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/03/1999

REEL/FRAME: 010153/0368  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

**ASSIGNOR:**

KIM, SANG-TAE

DOC DATE: 07/26/1999

**ASSIGNEE:**

LG ELECTRONICS INC.  
20, YOIDO-DONG, YOUNGDUNGPO-GU  
SEOUL, REPUBLIC OF KOREA

SERIAL NUMBER: 09365879  
PATENT NUMBER:

FILING DATE: 08/03/1999  
ISSUE DATE:

JOANN STEWART, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

MRP  
8.3.99

08-12-1999

FORM PTO-1596  
1-31-92

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

DOCKET NO.: RPL-010



To the Honorable Commissioner of F

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ginal documents or copy thereto:

1. Name of conveying party(ies):

Sang-Tae KIM

2. Name and address of receiving party(ies):

Name: LG Electronics Inc.

Internal Address:

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Street Address: 20, Yoido-dong, Youngdungpo-gu

City: Seoul

State/Country: KOREA ZIP:

Execution Date: July 26, 1999

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is: July 26, 1999

A. Patent Application No(s):  
Filed:

B. Patent No(s)

Additional numbers attached? ☐ Yes ☒ No

09/365879

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: FLESHNER & KIM

Internal Address:

Street Address: P. O. Box 221200

City: Chantilly State: VA ZIP: 20153-1200

6. Total number of applications and patents involved:

7. Total fee (37 C.F.R. 3.41)..... \$40.00

☒ Enclosed (Check No. 7436)

☐ Authorized to be charged to deposit account

8. Deposit account number:

16-0607

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Daniel Y.J. Kim, Reg. No. 36,186  
Name and Registration No. of Person Signing

[Signature]  
Signature

August 3, 1999  
Date

Total number of pages comprising cover sheet: 2

CMB No. 0851-0011 (exp. 4/94)

16649 U.S. PTO  
09/365879  
08/03/99

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40.00 OP

Docket No.: \_\_\_\_\_

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Sang-Tae KIM (4) \_\_\_\_\_  
(2) \_\_\_\_\_ (5) \_\_\_\_\_  
(3) \_\_\_\_\_ (6) \_\_\_\_\_

who have made a certain new and useful invention, hereby sell, assign and transfer unto

LG Electronics Inc.

#20 Yoido-dong, Youngdungpo-gu, Seoul, Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

"METHOD FOR FORMING ELECTRODE FOR PLASMA DISPLAY PANEL"

(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Serial No. \_\_\_\_\_;  
or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

1) Sang Tae Kim  
Name: Sang-Tae KIM

'PP. 7.26

2) \_\_\_\_\_  
Name: \_\_\_\_\_

\_\_\_\_\_

3) \_\_\_\_\_  
Name: \_\_\_\_\_

\_\_\_\_\_

4) \_\_\_\_\_  
Name: \_\_\_\_\_

\_\_\_\_\_

5) \_\_\_\_\_  
Name: \_\_\_\_\_

\_\_\_\_\_